Title (en)
MG53 MUTANT AND MUTATION METHOD AND USE THEREOF

Title (de)
MG53-MUTATION UND VERWENDUNG DAVON

Title (fr)
MUTANT DE MG53 ET PROCÉDÉ DE MUTATION ET UTILISATION CORRESPONDANTS

Publication
EP 2949664 A4 20160622 (EN)

Application
EP 14743392 A 20140122

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Abstract (en)
[origin: EP2949664A1] Disclosed in the present invention is a MG53 mutant, wherein any one or two or more of 7 cysteines in the RING domain at the N-terminal of MG53 are mutated into mutations of non-polar amino acids. The MG53 mutant has preventive / therapeutic effects and uses in the protection of the heart, and the treatment of heart diseases caused by cell death, while avoiding the side effects caused by MG53 such as insulin resistance, obesity, and diabetes, etc.

IPC 8 full level
C07K 14/47 (2006.01); A61P 3/00 (2006.01); A61P 9/00 (2006.01); A61P 9/04 (2006.01); A61P 9/06 (2006.01); A61P 9/10 (2006.01); C12N 15/01 (2006.01); C12N 15/12 (2006.01); C12N 15/63 (2006.01)

CPC (source: CN EP US)
A61P 3/00 (2017.12 - EP); A61P 3/04 (2017.12 - EP); A61P 3/10 (2017.12 - EP); A61P 9/00 (2017.12 - EP); A61P 9/04 (2017.12 - EP); A61P 9/06 (2017.12 - EP); A61P 9/10 (2017.12 - EP); C07K 14/47 (2013.01 - CN EP US); A61K 38/00 (2013.01 - CN EP US)

Citation (search report)
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• [X] WO 2009073808 A2 20090611 - UNIV NEW JERSEY MED [US], et al
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CN107266551A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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